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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:

Inventor: **Jurgis Astrauskas**

Application No.: **10/628,765**

Filed: **July 28, 2003**

Title: **Method and Apparatus for Improving  
Noise Immunity for Low Intensity  
Optical Communication**

) MMB Docket No.: **1007-0566**  
)  
) Emerson Docket No.: **DAC-03-005**  
)  
) Examiner: **Dzung D. Tran**  
)  
) Group Art Unit.: **2613**  
)  
) Confirmation No.: **5786**  
)  
)

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

July 14, 2006

Date of Deposit

David M. Lockman

Name of person mailing Document or Fee

Signature of person mailing Document or Fee

July 14, 2006

Date of Signature

THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. § 1.56, Applicant hereby discloses the following references, copies of which are enclosed, regarding the above-identified patent application.

Patent References

U.S. Patent No.

4,023,887

4,063,083

Issue Date

May 17, 1977

December 13, 1977

Inventor

Speers

Cathey et al.

4,259,570	March 31, 1981	Leonard
4,572,927	February 25, 1986	Huft
4,628,443	December 9, 1986	Rickard et al.
4,680,811	July 14, 1987	Harper et al.
4,868,893	September 19, 1989	Hammond
5,065,456	November 12, 1991	Nakayama
5,093,879	March 3, 1992	Bregman et al.
5,212,888	May 25, 1993	Cary et al.
5,345,230	September 6, 1994	Jackson et al.
5,442,344	August 15, 1995	Merkle et al.
5,483,200	January 9, 1996	Okabayashi et al.
5,701,187	December 23, 1997	Uchio et al.
5,778,550	July 14, 1998	Carli et al.
6,198,079	March 6, 2001	Essig
6,256,378	July 3, 2001	Iggulden et al.
6,281,481	August 28, 2001	Tiemann
6,333,801	December 25, 2001	Yoshinaga
6,369,924	April 9, 2002	Scharf et al.
6,380,866	April 30, 2002	Sizer, II et al.
6,389,337	May 14, 2002	Kolls
6,462,328	October 8, 2002	Toyoda
6,507,022	January 14, 2003	Salmond et al.
6,528,808	March 4, 2003	Takiguchi
6,530,784	March 11, 2003	Yim et al.
6,717,528	April 6, 2004	Burleson et al.
6,760,688	July 6, 2004	Suzuki et al.
6,812,881	November 2, 2004	Mullaly et al.
6,839,563	January 4, 2005	Kirby et al.
6,919,815	July 19, 2005	Peterson

**Foreign Patent No.**

EP 0 715 235  
 WO 00/43870  
 WO 95/28615  
 WO 99/41856

**Date**

June 5, 1996  
 July 27, 2000  
 October 26, 1995  
 August 19, 1999

**Country**

Europe  
 PCT  
 PCT  
 PCT

**Non-Patent References**

1. Christine C. Lee, *Photocouplers: Performing Big in Small Places*, Appliance Engineer, January 2003, pp. 90-92 (3 pages)

A copy of an International Search Report from the PCT Office is also enclosed identifying four (4) references cited in this Third Supplemental Information Disclosure Statement (US 5,345,230, US 5,442,344, EP 0 715 235, and WO 00/43870).

A copy of a European Search Report from the PCT Office is also enclosed identifying four (4) references cited in this Third Supplemental Information Disclosure Statement (EP 0 715 235, US 5,345,230, WO 95/28615 and WO 99/41856).

It is believed that no fees are due for the consideration of this Third Supplemental Information Disclosure Statement. However, the Commissioner is hereby authorized to charge any fee deficiency or to credit any overpayment to Deposit Account No. 13-0014, but not to include any payment of issue fees.

Respectfully Submitted,  
MAGINOT, MOORE & BECK LLP



David M. Lockman  
Attorney for Applicant  
Registration No. 34,214

July 14, 2006  
Maginot, Moore & Beck LLP  
Chase Tower  
111 Monument Circle, Suite 3250  
Indianapolis, Indiana 46204-5109  
(317) 638-2922 Phone  
(317) 638-2139 Facsimile



FORM PTO-1449  
INFORMATION DISCLOSURE STATEMENT

MMB DOCKET NO.: 1007-0566  
EAC DOCKET NO.: DAC-03-005

APPLICATION NO.: 10/628,765

APPLICANT: Jurgis Astrauskas

FILING DATE: July 28, 2003

GROUP ART UNIT: 2613

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA	4,023,887	May 17, 1977	Speers			
	AB	4,063,083	December 13, 1977	Cathey et al.			
	AC	4,259,570	March 31, 1981	Leonard			
	AD	4,572,927	February 25, 1986	Huft			
	AE	4,628,443	December 9, 1986	Rickard et al.			
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	AG	4,868,893	September 19, 1989	Hammond			
	AH	5,065,456	November 12, 1991	Nakayama			
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	AJ	5,212,888	May 25, 1993	Cary et al.			
	AK	5,345,230	September 6, 1994	Jackson et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL	EP 0 715 235	June 5, 1996	Europe			Yes No
	AM	WO 00/43870	July 27, 2000	PCT			Yes No
	AN	WO 95/28615	October 26, 1995	PCT			Yes No
	AO	WO 99/41856	August 19, 1999	PCT			Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AQ	1	Christine C. Lee, <i>Photocouplers: Performing Big in Small Places</i> , <i>Appliance Engineer</i> , January 2003, pp. 90-92 (3 pages)
	AR	1	
	AS	1	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

<b>FORM PTO-1449</b> <b>INFORMATION DISCLOSURE STATEMENT</b>	MMB DOCKET NO.: 1007-0566 EAC DOCKET NO.: DAC-03-005	APPLICATION NO.: 10/628,765
	APPLICANT: Jurgis Astrauskas	
	FILING DATE: July 28, 2003	GROUP ART UNIT: 2613

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	BA	5,442,344	August 15, 1995	Merkle et al.			
	BB	5,483,200	January 9, 1996	Okabayashi et al.			
	BC	5,701,187	December 23, 1997	Uchio et al.			
	BD	5,778,550	July 14, 1998	Carli et al.			
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	BK	6,389,337	May 14, 2002	Kolls			

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	BL						Yes No
	M						Yes No
	BN						Yes No
	BO						Yes No
	BP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
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	BR	<u>2</u>	
	BS	<u>2</u>	

EXAMINER	DATE CONSIDERED
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	CC	6,528,808	March 4, 2003	Takiguchi			
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	CE	6,717,528	April 6, 2004	Burleson et al.			
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	CG	6,812,881	November 2, 2004	Mullaly et al.			
	CH	6,839,563	January 4, 2005	Kirby et al.			
	CI	6,919,815	July 19, 2005	Peterson			
	CJ						
	CK						
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	CL						Yes No
	CM						Yes No
	CN						Yes No
	CO						Yes No
	CP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	CQ	<u>3</u>					
	CR	<u>3</u>					
	CS	<u>3</u>					
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